

What is claimed is:

1. A method for displaying results of a hybridization experiment in which a plurality of probe biopolymers immobilized on a biochip are hybridized to a sample biopolymer,
5 the method comprising the step of displaying information obtained in the hybridization experiment about a hybridization level for each of the probe biopolymers together with a similarity score representing the similarity of base sequences between the probe biopolymers.
- 10 2. The method for displaying results of a hybridization experiment according to claim 1, wherein different depths in a color are assigned to different values of the similarity score for displaying.
- 15 3. The method for displaying results of a hybridization experiment according to claim 1, wherein different depths in a color are assigned to different values of the similarity score, and subject probe biopolymers are arranged horizontally and vertically to form a matrix for displaying.
- 20 4. The method for displaying results of a hybridization experiment according to any one of claims 1 to 3, wherein the information about the hybridization level is displayed by assigning different depths in a color to different values of the hybridization level, or by providing spot images of respective probe biopolymers.
- 25 5. The method for displaying results of a hybridization

experiment according to any one of claims 1 to 4, wherein probe
biopolymer data, hybridization levels and similarity scores are
displayed side by side by sorting them by values of the
similarity score between specific one of the probe biopolymers
5 and each of the probe biopolymers.

6. The method for displaying results of a hybridization
experiment according to claim 5, wherein the hybridization
levels obtained from a plurality of biochips are displayed side
by side.

10 7. The method for displaying results of a hybridization
experiment according to claim 6, wherein a profile of changes
in the hybridization level of the subject biopolymers on said
plurality of biochips is statistically analyzed, and the
results of the analysis are displayed together with the results
15 of clustering the probe biopolymers side by side.